

Title (en)

MANAGING CONVERSATIONS BETWEEN A USER AND A ROBOT

Title (de)

VERWALTUNG VON KONVERSATIONEN ZWISCHEN EINEM BENUTZER UND EINEM ROBOTER

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR GÉRER DES INTERACTIONS DE CONVERSATION ENTRE UN UTILISATEUR ET UN DISPOSITIF INFORMATIQUE ROBOTISÉ OU UN AGENT DE CONVERSATION

Publication

EP 4110556 A4 20240501 (EN)

Application

EP 21760653 A 20210226

Priority

- US 202062983590 P 20200229
- US 202163153888 P 20210225
- US 2021020035 W 20210226

Abstract (en)

[origin: WO2021174089A1] Exemplary implementations may: receive one or more inputs including parameters or measurements regarding a physical environment from the one or more input modalities; identify a user based on analyzing the received inputs from the one or more input modalities; determine if the user shows signs of engagement or interest in establishing a communication interaction by analyzing a user's physical actions, visual actions, and/or audio actions, the user's physical actions, visual actions and/or audio actions determined based at least in part on the one or more inputs received from the one or more input modalities; and determine whether the user is interested in an extended communication interaction with the robot computing device by creating visual actions of the robot computing device utilizing the display device or by generating one or more audio files to be reproduced by one or more speakers.

IPC 8 full level

G06F 3/01 (2006.01); **B25J 9/00** (2006.01)

CPC (source: EP US)

B25J 11/0005 (2013.01 - EP); **B25J 11/001** (2013.01 - US); **B25J 11/0015** (2013.01 - US); **B25J 13/003** (2013.01 - EP US); **B25J 19/023** (2013.01 - US); **G06F 3/011** (2013.01 - EP); **G06F 3/017** (2013.01 - EP); **G06F 3/167** (2013.01 - EP); **G06V 40/10** (2022.01 - EP); **G06V 40/174** (2022.01 - EP US); **G06V 40/20** (2022.01 - EP US); **G10L 15/1815** (2013.01 - US); **G10L 15/22** (2013.01 - US); **G10L 25/63** (2013.01 - US); **G10L 25/90** (2013.01 - US); **G06F 2203/011** (2013.01 - EP); **G06F 2203/0381** (2013.01 - EP); **G10L 25/48** (2013.01 - EP); **G10L 2015/227** (2013.01 - US)

Citation (search report)

- [XII] US 2017228520 A1 20170810 - KIDD CORY [US], et al
- [A] CN 110110169 A 20190809 - XIAOI ROBOT INC, et al
- [A] WO 2020017981 A1 20200123 - SOUL MACHINES LTD [NZ]
- See references of WO 2021174089A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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